

DUAL SECTION EXHAUST AFTERTREATMENT
FILTER AND METHOD

ABSTRACT OF THE DISCLOSURE

- An exhaust aftertreatment filter (100) is provided for internal combustion
- 5 engine exhaust, and includes an axially extending cylindrical filter roll (106) having pleated filter media (110) defining a plurality of axially extending flow channels (130), and having a first open-flow section (142) with open flow channels (140), and a second filtering section (148) with alternately sealed flow channels (136, 138) forcing exhaust to flow through (158) the pleated filter media (110). A core section (142) aides filter
- 10 regeneration by providing an exothermic reaction. A combination catalytic converter and filter includes a first catalytic section (142) treated with a catalyst, and a second filter section (148) with alternately sealed flow channels (136, 138).